

OPINION 1713

Some bee family-group names (Insecta, Hymenoptera): names based on *Colletes* Latreille, 1802, on *Paracolletes* Smith, 1853, on *Halictus* Latreille, 1804, on *Anthidium* Fabricius, 1804 and on *Anthophora* Latreille, 1803 given precedence over some senior names

Ruling

- (1) Under the plenary powers:
 - (a) family-group names based on *Colletes* Latreille, 1802 are hereby given precedence over those based on *Prosopis* Fabricius, 1804 or *Hylaeus* Fabricius, 1793;
 - (b) family-group names based on *Paracolletes* Smith, 1853 are hereby given precedence over those based on *Neopasiphae* Perkins, 1912;
 - (c) family-group names based on *Halictus* Latreille, 1804 are hereby given precedence over those based on *Rophites* Spinola, 1808 or *Sphecodes* Latreille, 1804;
 - (d) family-group names based on *Anthidium* Fabricius, 1804 are hereby given precedence over those based on *Stelis* Panzer, 1806;
 - (e) family-group names based on *Anthophora* Latreille, 1803 are hereby given precedence over those based on *Eucera* Scopoli, 1770, *Xylocopa* Latreille, 1802, *Ceratina* Latreille, 1802 or *Nomada* Scopoli, 1770.
- (2) The entry on the Official List of Family-Group Names in Zoology for XYLOCOPIIDAE is hereby amended to record the authorship of Latreille, 1802 and the ruling in (1)(e) above that it and other family-group names based on *Xylocopa* Latreille, 1802 are not to be given priority over those based on *Anthophora* Latreille, 1803.
- (3) The entry on the Official List of Family-Group Names in Zoology for CERATINIDAE Latreille, 1802 is hereby amended to record the ruling in (1)(e) above that it and other family-group names based on *Ceratina* Latreille, 1802 are not to be given priority over those based on *Anthophora* Latreille, 1803.
- (4) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Prosopis* Fabricius, 1804 (gender: feminine), type species by designation by Morice & Durrant (1915) *Mellinus bipunctatus* Fabricius, 1798;
 - (b) *Hylaeus* Fabricius, 1793 (gender: masculine), type species by designation by Latreille (1810) *Apis annulata* Linnaeus, 1758;
 - (c) *Colletes* Latreille, 1802 (gender: masculine), type species by monotypy *Apis succincta* Linnaeus, 1758;
 - (d) *Neopasiphae* Perkins, 1912 (gender: feminine), type species by monotypy *Neopasiphae mirabilis* Perkins, 1912;
 - (e) *Paracolletes* Smith, 1853 (gender: masculine), type species by monotypy *Paracolletes crassipes* Smith, 1853;
 - (f) *Rophites* Spinola, 1808 (gender: masculine), type species by monotypy *Rophites quinquespinosus* Spinola, 1808;
 - (g) *Sphecodes* Latreille, 1804 (gender: masculine), type species by monotypy *Sphex gibba* Linnaeus, 1758;

- (h) *Halictus* Latreille, 1804 (gender: masculine), type species by designation by Richards (1935) *Apis quadricincta* Fabricius, [1777];
 - (i) *Stelis* Panzer, 1806 (gender: feminine), type species by monotypy *Apis aterrima* Panzer, 1798 (a junior homonym of *Apis aterrima* Christ, 1791 and a subjective synonym of *Apis punctulatissima* Kirby, 1802);
 - (j) *Anthidium* Fabricius, 1804 (gender: neuter), type species by designation by Latreille (1810) *Apis manicata* Linnaeus, 1758;
 - (k) *Eucera* Scopoli, 1770 (gender: feminine), type species by designation by Latreille (1810) *Apis longicornis* Linnaeus, 1758;
 - (l) *Nomada* Scopoli, 1770 (gender: feminine), type species by designation by Curtis (1832) *Apis ruficornis* Linnaeus, 1758.
- (5) The following names are hereby placed on the Official List of Specific Names in Zoology:
- (a) *bipunctatus* Fabricius, 1798, as published in the binomen *Mellinus bipunctatus* (specific name of the type species of *Prosopis* Fabricius, 1804);
 - (b) *annulata* Linnaeus, 1758, as published in the binomen *Apis annulata* (specific name of the type species of *Hylaeus* Fabricius, 1793);
 - (c) *succincta* Linnaeus, 1758, as published in the binomen *Apis succincta* (specific name of the type species of *Colletes* Latreille, 1802);
 - (d) *mirabilis* Perkins, 1912, as published in the binomen *Neopasiphae mirabilis* (specific name of the type species of *Neopasiphae* Perkins, 1912);
 - (e) *crassipes* Smith, 1853, as published in the binomen *Paracolletes crassipes* (specific name of the type species of *Paracolletes* Smith, 1853);
 - (f) *quinquspinosus* Spinola, 1808, as published in the binomen *Rophites quinquspinosus* (specific name of the type species of *Rophites* Spinola, 1808);
 - (g) *gibba* Linnaeus, 1758, as published in the binomen *Sphex gibba* (specific name of the type species of *Sphex* Latreille, 1810);
 - (h) *quadricincta* Fabricius, [1777], as published in the binomen *Apis quadricincta* (specific name of the type species of *Halictus* Latreille, 1804);
 - (i) *punctulatissima* Kirby, 1802, as published in the binomen *Apis punctulatissima* (valid subjective synonym of the specific name of *Apis aterrima* Panzer, 1798, the type species of *Stelis* Panzer, 1806);
 - (j) *manicata* Linnaeus, 1758, as published in the binomen *Apis manicata* (specific name of the type species of *Anthidium* Fabricius, 1804);
 - (k) *longicornis* Linnaeus, 1758, as published in the binomen *Apis longicornis* (specific name of the type species of *Eucera* Scopoli, 1770);
 - (l) *ruficornis* Linnaeus, 1758, as published in the binomen *Apis ruficornis* (specific name of the type species of *Nomada* Scopoli, 1770).
- (6) The following names are hereby placed on the Official List of Family-Group Names in Zoology:
- (a) COLLETIDAE Lepeletier, 1841 (type genus *Colletes* Latreille, 1802), with the endorsement that it and other family-group names based on *Colletes* are to be given precedence over those based on *Prosopis* Fabricius, 1804 or *Hylaeus* Fabricius, 1793;
 - (b) PROSOPIDIDAE Fallén, 1813 (type genus *Prosopis* Fabricius, 1804), with the endorsement that it and other family-group names based on *Prosopis* are not to be given priority over those based on *Colletes* Latreille, 1802;

- (c) HYLAEIDAE Viereck, 1916 (1813) (type genus *Hylaeus* Fabricius, 1793), with the endorsement that it and other family-group names based on *Hylaeus* are not to be given priority over those based on *Colletes* Latreille, 1802;
- (d) PARACOLLETIDAE Cockerell, 1934 (type genus *Paracolletes* Smith, 1853), with the endorsement that it and other family-group names based on *Paracolletes* are to be given precedence over those based on *Neopasiphae* Perkins, 1912;
- (e) NEOPASIPHAIDAE Cockerell, 1930 (type genus *Neopasiphae* Perkins, 1912), with the endorsement that it and other family-group names based on *Neopasiphae* are not to be given priority over those based on *Paracolletes* Smith, 1853;
- (f) HALICTIDAE Thomson, 1869 (type genus *Halictus* Latreille, 1804), with the endorsement that it and other family-group names based on *Halictus* are to be given precedence over those based on *Rophites* Spinola, 1808 or *Sphecodes* Latreille, 1804;
- (g) ROPHITIDAE Schenck, 1866 (type genus *Rophites* Spinola, 1808), with the endorsement that it and other family-group names based on *Rophites* are not to be given priority over those based on *Halictus* Latreille, 1804;
- (h) SPHECODIDAE Schenck, [1869] (type genus *Sphecodes* Latreille, 1804), with the endorsement that it and other family-group names based on *Sphecodes* are not to be given priority over those based on *Halictus* Latreille, 1804;
- (i) ANTHIDIIDAE Ashmead, 1899 (type genus *Anthidium* Fabricius, 1804), with the endorsement that it and other family-group names based on *Anthidium* are to be given precedence over those based on *Stelis* Panzer, 1806;
- (j) STELIDIDAE Schenck, 1860 (type genus *Stelis* Panzer, 1806), with the endorsement that it and other family-group names based on *Stelis* are not to be given priority over those based on *Anthidium* Fabricius, 1804;
- (k) ANTHOPHORIDAE Dahlbom, 1835 (type genus *Anthophora* Latreille, 1803), with the endorsement that it and other family-group names based on *Anthophora* are to be given precedence over those based on *Eucera* Scopoli, 1770, *Xylocopa* Latreille, 1802, *Ceratina* Latreille, 1802 or *Nomada* Scopoli, 1770.
- (l) EUCERIDAE Latreille, 1802 (type genus *Eucera* Scopoli, 1770), with the endorsement that it and other family-group names based on *Eucera* are not to be given precedence over those based on *Anthophora* Latreille, 1803;
- (m) NOMADIDAE Fallén, 1813 (type genus *Nomada* Scopoli, 1770), with the endorsement that it and other family-group names based on *Nomada* are not to be given priority over those based on *Anthophora* Latreille, 1803.

History of Case 2535

An application to conserve the usage of some bee family-group names by giving them precedence over senior but little used names was received from Prof Charles D. Michener (*Snow Entomological Museum, University of Kansas, Lawrence, Kansas, U.S.A.*) on 15 October 1985. After correspondence the case was published in BZN 48: 227–235 (September 1991). Notice of the case was sent to appropriate journals.

Decision of the Commission

On 1 September 1992 the members of the Commission were invited to vote. At the close of the voting period on 1 December 1992 the votes were as follows:

Affirmative votes — 25: Bayer, Bock, Cocks, Cogger, Corliss, Hahn, Halvorsen, Kabata, Kraus, Lehtinen, Macpherson, Mahnert, Martins de Souza, Minelli, Nielsen, Nye, Ride, Savage, Schuster, Starobogatov, Štys, Thompson, Trjapitzin, Uéno, Willink

Negative votes — 2: Bouchet and Dupuis.

Holthuis abstained.

No vote was received from Heppell.

Holthuis abstained because he considered that the five family-group names given precedence, which were independent of one another, should have been voted on separately. (*Editorial note.* This would have been done had opposition to any of the proposals been received).

Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

- annulata*, *Apis*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 578.
 ANTHIDIIDAE Ashmead, 1899, *Transactions of the American Entomological Society*, 26: 72.
Anthidium Fabricius, 1804, *Systema Piezatorum*, p. 364.
 ANTHOPHORIDAE Dahlbom, 1835, *Clavis novi hymenopterorum systematis* . . . , p. 5.
bipunctatus, *Mellinus*, Fabricius, 1798, *Entomologia systematica emendata et aucta* . . . , Supplementum, p. 265.
Colletes Latreille, 1802, *Histoire naturelle des fourmis*, p. 423.
 COLLETIDAE Lepeletier de Saint Fargeau, 1841, *Histoire naturelle des insectes, Hyménoptères*, vol. 2, p. 295.
crassipes, *Paracolletes*, Smith, 1853, *Catalogue of hymenopterous insects in the collection of the British Museum*, part 1, p. 6.
Eucera Scopoli, 1770, *Annus IV, historico-naturalis*, p. 8.
 EUCERIDAE Latreille, 1802, *Histoire naturelle, générale et particulière des crustacés et des insectes*, vol. 3, p. 376.
gibba, *Sphex*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 571.
 HALICTIDAE Thomson, 1869, *Opuscula Entomologica*, fasc. 1, p. 8.
Halictus Latreille, 1804, *Tableau méthodique des insectes*. Pp. 129-200 in: *Nouveau Dictionnaire d'Histoire Naturelle*, vol. 24 (Caractères et Tables), p. 182.
 HYLAEIDAE Viereck, 1916, *Connecticut State Geological and Natural History Survey Bulletin*, 22: 737.
Hylaeus Fabricius, 1793, *Entomologia systematica emendata et aucta* . . . , vol. 2, p. 302.
longicornis, *Apis*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 574.
manicata, *Apis*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 577.
mirabilis, *Neopasiphae*, Perkins, 1912, *Annals and Magazine of Natural History*, (8)9: 115.
Neopasiphae Perkins, 1912, *Annals and Magazine of Natural History*, (8)9: 114.
 NEOPASIPHAEDAE Cockerell, 1930, *Australian Zoologist*, 6(2): 148.
Nomada Scopoli, 1770, *Annus IV, historico-naturalis*, p. 44.
 NOMADIDAE Fallén, 1813, *Specimen novam Hymenoptera disponendi methodum exhibens*, p. 31.
Paracolletes Smith, 1853, *Catalogue of hymenopterous insects in the collection of the British Museum*, part 1, p. 6.
 PARACOLLETIDAE Cockerell, 1934, *Australian Zoologist*, 8(1): 6.
 PROSOPIDIDAE Fallén, 1813, *Specimen novam Hymenoptera disponendi methodum exhibens*, p. 32.
Prosopis Fabricius, 1804, *Systema Piezatorum*, p. 293.
punctulatissima, *Apis*, Kirby, 1802, *Monographia Apum Angliae* . . . , vol. 2, p. 231.
quadricincta, *Apis*, Fabricius, [1777], *Genera insectorum* . . . , p. 247.
quinquespinosus, *Raphites*, Spinola, 1808, *Insectorum Liguria species novae aut rariores*, vol. 2, p. 72.

- Rophites* Spinola, 1808, *Insectorum Liguriaee species novae aut rariores*, vol. 2, p. 8.
- ROPHITIDAE Schenck, 1866, *Berliner Entomologische Zeitschrift*, **10**: 322.
- ruficornis*, *Apis*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 578.
- Sphecodes* Latreille, 1804, *Tableau méthodique des insectes*. Pp. 129–200 in: *Nouveau Dictionnaire d'Histoire Naturelle*, vol. 24 (Caractères et Tables), p. 182.
- SPHECODIDAE Schenck, [1869], *Beschreiben der nassauischen Bienen, zweiter Nachtrag* . . . , p. 316.
- STELIDIDAE Schenck, 1860, *Stettiner Entomologische Zeitung*, **21**: 141.
- Stelis* Panzer, 1806, *Kritische Revision der Insektenfauna Deutschlands* . . . , vol. 2, p. 246.
- succincta*, *Apis*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 576.
- XYLOCOPIDAE Latreille, 1802, *Histoire naturelle, générale et particulière des crustacés et des insectes*, vol. 3, p. 379.

The following are the references for the designation of type species of the nominal genera shown:

- Anthidium* Fabricius, 1804: **Latreille, P.A.** 1810. *Considerations générales sur . . . les classes des crustacés, des arachnides et des insectes* . . . , p. 439.
- Eucera* Scopoli, 1770: **Latreille, P.A.** 1810. *Considerations générales sur . . . les classes des crustacés, des arachnides et des insectes* . . . , p. 439.
- Halictus* Latreille, 1804: **Richards, O.W.** 1935. *Transactions of the Royal Entomological Society of London*, **83**: 170.
- Hylaeus* Fabricius, 1793: **Latreille, P.A.** 1810. *Considerations générales sur . . . les classes des crustacés, des arachnides et des insectes* . . . , p. 438.
- Nomada* Scopoli, 1770: **Curtis, J.** 1832. *British entomology; being illustrations and descriptions of the genera of insects found in Great Britain and Ireland* . . . , vol. 9, pl. 419, text.
- Prosopis* Fabricius, 1804: **Morice, F.D. & Durrant, J.H.** 1915. *Transactions of the Entomological Society of London*, **1914**: 416–418 [under Articles 67f and 69a(v) of the Code].